luminell®

RLX D FL 160W100-277VAC Wide 750 2ADABK

RLX™ D LED FLOODLIGHT takes over the place of the traditional High Pressure Sodium and Halogen floodlights and are suitable for multiple areas of use. The RLX™ D is a powerful floodlight with proven endurance for harsh environments.

Item Number	LN100010
GTIN	7072720000915
Stock status	A



Technical specifications

Electrical Data	
EMC Category	EMC1 : EMC B – IEC 60533 Bridge and Open deck
Minimum Voltage -10% (VAC)	100
Maximum voltage +10% (VAC)	277
Minimum frequency -5% (Hz)	50
Maximum frequency +5% (Hz)	60
Main Feed DC (V) Min	130
Main Feed DC (V) Max	300
Total consumption (W)	160
Inrush current (A)	65
Inrush Current Remarks	Inrush current (50% I-peak @ 230VAC) ~65A (445 µs)
Number of luminaires on a 10A MCB type B	9
Number of luminaires on a 10A MCB type C	11
Number of luminaires on a 16A MCB type B	14
Number of luminaires on a 16A MCB type C	16
Power factor	0.9

Optic	
Beam angle (°)	110×45
Optic	Wide - Wide Beam 110×45
Material of diffuser	Glass
Diffuser material design	Clear

Certificates	
Certification	5 year warranty;DNV;UL;UL 1598 Wet Locations;UL1598/1598A Marine Listed
Marine Approved	true

Technical Data	
Minimum ambient temperature (°C)	-40
Maximum ambient temperature (°C)	55
IP classification	66/67
Corrosion class	C5-M

Light Technical Data	
Light source	LED
Lumen out (lm)	17522
Number of lamps	1
Lumen per Watt (lm/W)	110
Lamp colour temp (K)	5000
CRI Colour rendering index	>70
MacAdam step	3
Light source included	true
Dimmable	false

Driver / Ballast	
Type of LED Driver	HF: Non dimmable
Number of Driver	1

Lifetime	
L70 Median useful life LED Ta45 (hr)	100 000

Housing	
Main body material	Seawater-resistant aluminium
Surface treatment	Anodized
Body colour	BL - Black
Main body colour name	Graphite black
Main body colour surface	Powder coated
Main body colour RAL code	RAL 9011
Mounting bracket material	Stainless steel AISI 316

The Company reserves the right to change any product specifications without prior notification.

Dimensions	
Length (mm)	449
Width (mm)	171
Height (mm)	329
Net weight (kg)	10.1936

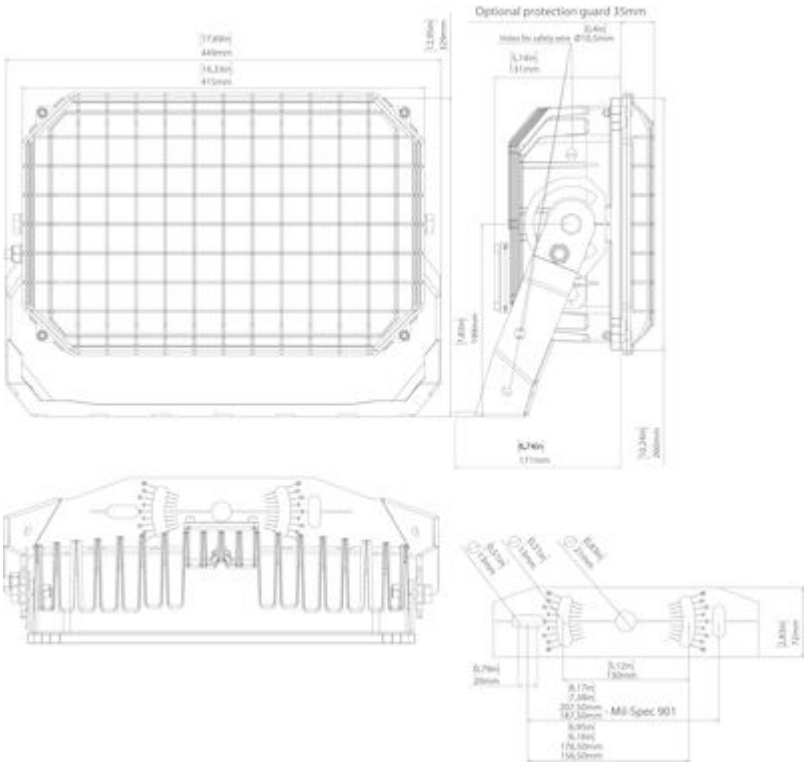
Termination	
Termination	3×2×2.5mm2 Push In
Maximum core diameter	2.5 mm2
Minimum core diameter	0.5 mm2
Type of through wiring	3×2.5

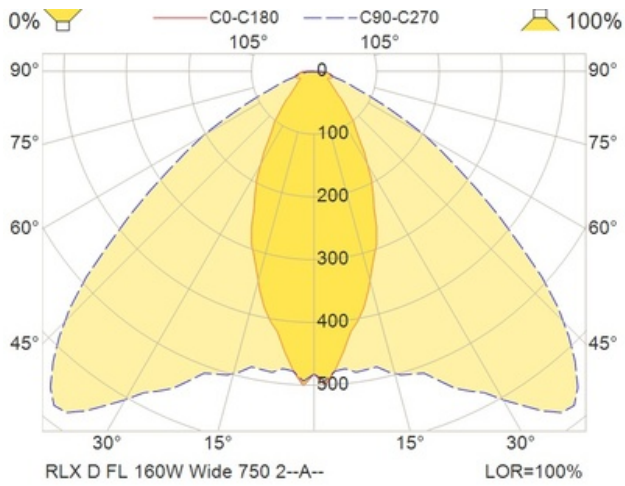
Cable Inlet	
Cable gland	M20-Nickel plated brass
Number of cable glands	1
Blind plugs	M20-Nickel plated brass
Number of blind plugs	1
Max cable diameter (mm)	13
Min cable diameter (mm)	7

Logistic Data	
Item gross weight (kg)	11.08

Remarks
Inrush current (50% I-peak @ 230VAC) ~65A (445 µs)

Images


Optional protection guard 35mm
Mil-Spec 901


0%
C0-C180
105°
C90-C270
105°
100%
90°
75°
60°
45°
0
100
200
300
400
500
30°
15°
15°
30°
RLX D FL 160W Wide 750 2--A--
LOR=100%